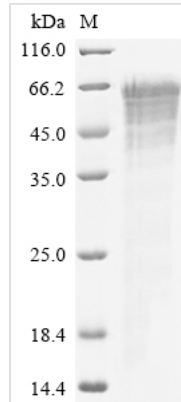




Recombinant Human Osteopontin (SPP1)

Product Code	CSB-MP022603HU(F5)
Abbreviation	Recombinant Human SPP1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P10451
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	IPVKQADSGSSEEKQLYNKYPDAVATWLNPDPSQKQNLLAPQTLPSKSNESH DHMDDMDDEDDDDHVDSQDSIDSNDSDDVDDTDDSHQSDSHHSDSEDELV TDFPTDLPATEVFTPVVPTVDTYDGRGDSVVYGLRSKSKKFRRPDIQYPDATD EDITSHMESEELNGAYKAIPVAQDLNAPSDWDSRGKDSYETSQLDDQSAETH SHKQSRLYKRKANDESNEHSDVIDSQELSKVSREFHSHEFHSHEDMLVDPK SKEEDKHLKFRISHELDSASSEVN
Research Area	Cancer
Source	Mammalian cell
Target Names	SPP1
Protein Names	Recommended name: Beta-defensin 119Alternative name(s): Beta-defensin 120 Beta-defensin 19 Short name= DEFB-19 Beta-defensin 20 Short name= DEFB-20 Defensin, beta 119 Defensin, beta 120 ESC42-RELA
Expression Region	17-300aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-Myc-tagged
Mol. Weight	62.2 kDa
Protein Length	Full Length of Mature Protein of Isoform 5
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Discover the exceptional quality of our Recombinant Human SPP1 protein, a valuable tool for research in cancer biology. Osteopontin, also known as Bone sialoprotein 1, Nephropontin, Secreted phosphoprotein 1, and other names, is a multifunctional glycoprotein involved in cell adhesion, migration, and survival, making it a key player in cancer progression and metastasis. Our Recombinant Human SPP1 protein is the full length of the mature protein of Isoform 5 (17-300aa) expressed in mammalian cells, offering a reliable and functional protein for your experiments.

Featuring a C-terminal hFc-Myc tag, our Recombinant Human SPP1 protein enables efficient purification and detection, allowing for seamless integration into your research workflow. With a purity greater than 85% as determined by SDS-PAGE, you can trust the quality and performance of this protein for your cancer research. Available in both liquid and lyophilized powder forms, our Recombinant Human SPP1 protein is designed to meet your specific needs and contribute to your scientific success.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.